



Crop Weather Report

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For the Week Ending:
June 29, 2008

Weather Summary

Montana received below normal precipitation for the week ending June 29th. Scobey had 2.62 inches of moisture, the most during the week. The only other two cities receiving more than an inch of rain were Culbertson and Albion with 1.16 and 1.01 inches, respectively. Highs were mostly in the 80s and 90s, and lows were mostly in the 30s and 40s. Drummond and Superior shared the high temperature of 97 degrees, and Cascade had the low temperature of 33 degrees. Topsoil moisture adequate and surplus, at 65 percent, is below last week's 78 percent, last year's 72 percent, and the five-year average of 69 percent. Subsoil moisture adequate and surplus, at 59 percent, is unchanged from last week, below last year's 72 percent, and above the five-year average of 56 percent. The number of days suitable for field work was 6.5 days.

The weather outlook for July 7th through July 13th is for above normal temperatures and near normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the mid 70s to the mid 80s and lows ranging from 40 degrees to the upper 50s.

Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	6	4	4	7
Short	29	18	24	24
Adequate	61	73	60	63
Surplus	4	5	12	6
Subsoil Moisture				
Very Short	9	11	4	13
Short	32	30	24	31
Adequate	57	55	64	53
Surplus	2	4	8	3
Days Suitable for Fieldwork				
Days	6.5	6.1	6.4	6.0

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Emerged				
Oats	99	92	100	n/a
Boot Stage				
Barley	70	30	88	71
Durum Wheat	43	24	53	46
Oats	62	34	78	70
Spring Wheat	66	38	70	66
Winter Wheat	93	78	100	98
Headed				
Barley	20	8	54	34
Durum Wheat	10	n/a	16	13
Oats	19	n/a	35	32
Spring Wheat	20	12	30	27
Winter Wheat	78	46	97	93
Turning				
Winter Wheat	1	n/a	27	20
Blooming				
Dry Peas	73	42	83	n/a
Lentils	35	19	57	n/a
Hay First Cutting				
Alfalfa	29	12	48	42
All Other Hay	24	9	45	33

Field Crops Report

More moisture is needed across the state, especially in the North Central district. Barley, durum wheat, and winter wheat conditions have declined from the previous week, while oats and spring wheat have improved. All of the small grains, pulse crops, and most of the oilseeds are progressing slower than last year. A few winter wheat fields have started turning. More farmers have begun cutting hay, but the progress is still behind last year and the five-year average.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Barley				
Very Poor	1	1	2	1
Poor	5	4	11	5
Fair	31	23	19	25
Good	54	62	49	51
Excellent	9	10	19	18
Durum Wheat				
Very Poor	2	2	1	2
Poor	15	9	2	9
Fair	30	35	23	22
Good	49	44	55	58
Excellent	4	10	19	9
Oats				
Very Poor	2	3	0	3
Poor	4	7	2	5
Fair	42	40	16	21
Good	46	47	66	58
Excellent	6	3	16	13
Spring Wheat				
Very Poor	2	2	2	2
Poor	5	5	5	5
Fair	23	31	20	23
Good	64	52	58	60
Excellent	6	10	15	10
Winter Wheat				
Very Poor	2	1	1	2
Poor	10	11	6	8
Fair	41	37	22	29
Good	36	35	42	43
Excellent	11	16	29	18

Livestock Report

Fifty-six percent of range and pasture feed condition is good and excellent, the same as last week. Seventy-two percent was good to excellent last year, and the five-year average was 54 percent.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	3	4	2	6
Poor	9	10	5	11
Fair	32	30	21	29
Good	35	43	46	41
Excellent	21	13	26	13

Weather Information for the Week ending 06/29/2008

Station ID						Precipitation								
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date			
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM	
NORTHWEST														
Alberton	90	42	64	97	+5	0.00	-0.35	5.27	+0.53	111	14.55	+4.05	139	
Anaconda	91	41	64	97	+24	0.00	-0.41	5.17	+0.26	105	11.64	+2.30	125	
Clinton	94	41	64	100	+38	0.00	-0.35	5.72	+1.14	125	14.27	+2.17	118	
Corvallis	92	42	67	117	+23	0.02	-0.29	2.51	-1.80	58	6.84	-1.74	80	
Creston	90	42	63	95	+19	0.05	-0.55	6.21	-0.85	88	10.03	-5.28	66	
Deer Lodge	90	39	61	75	+14	0.00	-0.35	3.84	-0.35	92	6.24	-0.39	94	
Drummond	97	35	63	93	+13	0.00	-0.34	4.69	+0.11	102	9.43	+0.32	104	
Hamilton	86	43	65	109	+21	0.00	-0.32	2.62	-1.77	60	5.97	-1.33	82	
Kalispell	87	39	63	91	+19	0.01	-0.47	4.21	-1.32	76	9.29	-4.06	70	
Missoula	90	45	67	118	+26	0.00	-0.35	4.24	-0.50	89	8.97	-1.53	85	
Olney	84	34	58	53	-7	0.03	-0.55	3.69	-2.63	58	16.41	-1.75	90	
Polson	84	42	63	95	-2	0.00	-0.42	5.84	+0.08	101	10.15	-2.07	83	
St Ignatius	92	44	66	115	+19	0.03	-0.42	6.52	+0.25	104	10.57	-1.94	84	
Seeley Lake	93	37	62	89	+23	0.00	-0.42	3.75	-1.43	72	14.42	-2.32	86	
Sula	92	36	60	75	+22	0.00	-0.44	5.72	-0.19	97	11.48	-0.54	96	
Superior	97	43	66	110	+9	0.00	-0.34	5.71	+0.95	120	14.84	+1.73	113	
Swan Lake	86	38	60	70	+10	0.03	-0.51	6.56	-0.39	94	23.17	-0.35	99	
Thompson Falls	99	45	67	119	+11	0.00	-0.42	4.54	-1.36	77	20.70	+1.27	107	
West Glacier	91	39	62	86	+13	0.05	-0.63	7.19	-0.42	94	25.37	+2.14	109	
NORTH CENTRAL														
Chester	89	41	63	91	-4	0.01	-0.46	6.34	+1.68	136	7.97	+0.91	113	
Chinook	83	41	64	99	-16	0.00	-0.49	7.89	+2.34	142	10.12	+1.49	117	
Choteau	87	38	61	77	-18	0.00	-0.42	7.18	+2.32	148	9.54	+2.90	144	
Cut Bank	80	39	60	73	+3	0.00	-0.50	7.75	+2.17	139	8.68	+0.64	108	
Ft Assinniboine	81	41	63	94	-20	0.00	-0.49	6.98	+1.54	128	8.66	-0.03	100	
Fort Benton	85	42	65	102	-14	0.00	-0.47	7.98	+2.05	135	10.49	+0.88	109	
Goldbutte	88	35	59	66	-13	0.02	-0.51	7.57	+1.70	129	9.85	+0.83	109	
Harlem	89	42	65	103	-8	0.00	-0.49	5.84	+0.96	120	7.30	-0.05	99	
Havre	81	38	63	91	-17	0.00	-0.42	5.39	+0.80	117	6.87	-0.85	89	
Malta	85	47	67	117	+2	0.19	-0.36	6.40	+0.71	112	10.07	+1.41	116	
Rudyard	81	44	63	95	-1	0.00	-0.40	8.24	+3.56	176	8.93	+2.41	137	
Shelby	89	41	62	85	+3	0.00	-0.44	6.89	+1.47	127	8.18	-0.20	98	
Turner	84	42	63	92	-6	0.02	-0.57	6.94	+2.04	142	8.16	+1.00	114	
Valier	89	43	63	92	+1	0.02	-0.50	7.19	+1.42	125	9.21	+1.11	114	
NORTHEAST														
Bredette	83	47	65	105	-11	0.67	+0.00	4.63	-0.86	84	7.42	-0.50	94	
Culbertson	85	52	68	126	-1	1.16	+0.52	3.68	-2.12	63	5.90	-2.60	69	
Glasgow	86	48	66	111	-10	0.47	-0.02	6.71	+2.06	144	9.02	+1.80	125	
Glendive	85	50	70	142	+4	0.12	-0.43	5.44	-0.28	95	7.25	-1.70	81	
Jordan	84	42	64	99	-30	0.00	-0.49	6.41	+0.99	118	9.77	+1.02	112	
Nashua	87	49	68	125	-13	0.43	-0.13	6.51	+1.62	133	8.58	+1.39	119	
Opheim	80	43	61	76	-15	0.27	-0.37	5.65	+0.18	103	7.89	+0.28	104	
Plentywood	82	44	64	100	-18	0.27	-0.36	3.93	-1.48	73	6.08	-2.11	74	
St Marie	82	47	65	111	-10	0.62	+0.13	5.26	+0.61	113	7.27	+0.05	101	
Scobey	86	47	64	100	-3	2.62	+1.94	7.85	+2.30	141	10.78	+2.95	138	
Sidney	86	48	69	132	+1	0.08	-0.55	3.94	-1.93	67	5.72	-3.64	61	
Wolf Point	88	43	66	117	-17	0.47	-0.10	5.29	+0.28	106	6.78	-0.89	88	
CENTRAL														
Cascade	90	33	60	70	+5	0.00	-0.49	9.05	+2.70	143	13.65	+3.76	138	
Grass Range	84	43	63	96	+2	0.14	-0.44	10.94	+3.65	150	14.90	+3.31	129	
Great Falls	81	42	63	93	+3	0.01	-0.43	7.51	+1.38	123	10.34	-0.22	98	
Harlowton	85	39	62	84	-7	0.08	-0.50	9.37	+3.17	151	13.52	+3.94	141	
Helena	87	50	69	133	+32	0.00	-0.39	4.75	+0.26	106	7.29	-0.35	95	
Lewistown	78	37	61	76	-3	0.00	-0.61	9.56	+2.37	133	12.28	-0.20	98	
Martinsdale	85	35	61	80	+14	0.00	-0.49	6.54	+0.92	116	10.03	+1.07	112	
Neihart	90	36	60	72	+5	0.00	-0.68	10.76	+2.16	125	17.93	+2.91	119	
Rogers Pass	84	38	62	88	+12	0.00	-0.49	8.36	+0.95	113	11.91	-0.72	94	
Roundup	90	43	68	127	+5	0.03	-0.42	7.88	+2.13	137	10.53	+1.49	116	
Ryegate	80	38	61	81	-8	0.02	-0.49	7.38	+2.06	139	10.42	+1.90	122	
Stanford	85	44	62	82	-7	0.00	-0.61	8.48	+1.28	118	12.08	+0.40	103	
Townsend	89	45	65	103	+5	0.02	-0.40	4.21	-0.24	95	6.40	-0.54	92	
Valentine	82	43	64	101	-4	0.35	-0.03	9.20	+3.44	160	11.89	+2.71	130	
Wht Sulphur Spr	88	40	61	76	+4	0.01	-0.45	5.62	-0.03	99	9.29	+0.02	100	
SOUTHWEST														
Boulder	89	40	63	96	+20	0.01	-0.41	4.20	-0.47	90	6.87	-0.64	91	
Bozeman	90	45	65	105	+13	0.16	-0.37	10.26	+2.19	127	18.83	+4.26	129	
Butte	82	39	60	72	+6	0.02	-0.41	4.73	-0.35	93	6.91	-1.95	78	
Dillon	84	43	63	94	+13	0.00	-0.35	3.08	-1.43	68	6.01	-0.74	89	
Ennis	85	38	62	86	+6	0.00	-0.47	5.86	+0.12	102	10.98	+1.32	114	
Lakeview	87	43	63	92	+48	0.00	-0.56	5.30	-1.49	78	12.83	-1.35	90	
W Yellowstone	80	42	61	77	+32	0.07	-0.42	6.33	+0.47	108	18.03	+0.96	106	
Wisdom	93	34	61	75	+34	0.08	-0.32	4.33	-0.11	98	10.03	+1.52	118	
SOUTH CENTRAL														
Billings	88	52	70	141	+11	0.05	-0.33	5.36	-0.70	88	9.32	-1.98	82	
Cooke City	84	42	62	87	+60	0.00	-0.61	5.59	-1.67	77	10.91	-8.37	57	
Gardiner	91	45	66	114	+10	0.04	-0.24	1.80	-1.84	49	5.62	-1.21	82	
Hardin	90	44	71	147	+10	0.20	-0.15	6.45	+1.47	130	9.37	+0.37	104	
Huntley	88	42	68	127	+11	0.01	-0.40	6.29	+0.47	108	10.23	+0.00	100	
Hysham	87	47	69	131	+1	0.22	-0.19	7.45	+1.72	130	10.52	+0.85	109	
Joliet	85	42	66	111	+2	0.18	-0.11	6.50	-0.09	99	10.64	-1.53	87	
Livingston	85	37	63	89	-6	0.03	-0.46	6.83	+0.00	100	10.51	-0.83	93	
Nye	86	39	62	86	+5	0.20	-0.40	10.15	+2.10	126	15.35	+1.98	115	
Rapelje	88	42	65	106	+1	0.09	-0.33	7.00	+0.75	112	10.56	-0.41	96	
SOUTHEAST														
Albion	85	43	66	114	+3	1.01	+0.42	14.71	+7.81	213	17.56	+7.59	176	
Baker	86	45	66	117	-6	0.34	-0.19	7.44	+1.38	123	8.70	-1.41	86	
Broadus	87	46	68	127	-3	0.31	-0.15	10.92	+4.93	182	12.89	+2.76	127	
Ekalaka	81	46	65	106	-16	0.78	+0.11	11.69	+4.03	153	14.38	+1.82	114	
Miles City	86	50	69	138	-5	0.46	-0.06	6.23	+0.25	104	6.85	-2.68	72	
Plevna	85	41	66	114	-9	0.34	-0.19	7.42	+1.36	122	9.02	-1.09	89	
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. GDD-Growing degree days														